



SEA 04L presents:

***Leading the Change in the
Configuration and Automatic
Identification and Data Capture
Environment***



Automatic Identification and Data Capture (AIDC)

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Agenda

- Introduction - Ms. Jane L. Zimmerman
- Ms. LeAntha Sumpter (DPAP, OSD)
Unique Identification
- Ms. Lorrey Bentzel (Navy AIT
Project Office) - Navy AIT Initiatives
- Wrap Up

Logistics Technology Evolution

- Paper & Pencil
- Hard Copy Requisitions

- Desktop Work Stations
- Client Servers



- Main Frame Computers
- Tape Drives
- Batch Processing
- Expanded AIDC Use
- Web Based Applications
- Predictive Logistics

What is AIDC?

DOD Perspective

Automatic Identification and Data Capture

“ AIDC is a suite of technologies that enable the automatic capture of source data, thereby enhancing the ability to identify, track, document and control deploying and redeploying forces, equipment, personnel and sustainment cargo.”

DOD Logistics AIDC CONOPS - November 1997

What is AIDC?

Commercial Perspective

Automatic Identification and Data Capture

“AIDC technology is any technology which allows us to enter information into a computer system totally without, or with a minimum of, manual key entry.” Thus, the primary benefit of integrating AIDC is the significant reduction of time-consuming, error-prone, manual entry of data into a computer.

The Association of ID Manufacturers (AIM)

DoD Logistics Transformation

Real-Time Situational Awareness

**Optimize
Logistics
Processes
to
Minimize
Customer
WAIT Time
(CWT)
using**

**FY
2001**

**Customer
Confidence
In a
Simplified
Priority
System
With Time
Definite
Delivery**

FY 2002

**Total
Asset
Visibility
Through
Use of
AIDC,
Shared
Data
Environment**

**FY
2004**

**Real-Time,
Web-Based
Logistics
Information
Systems**

**FY
2004**

WARFIGHTER FOCUS

Department of Defense

AIDC Objectives

Infuse AIDC into the DoD Logistics AIDC Business Processes

**Facilitate
Source
Data
Collection**

**Reduce
Logistics
Processing
Times**

**Improve
Data
Accuracy**

**Enhance
Asset
Visibility**

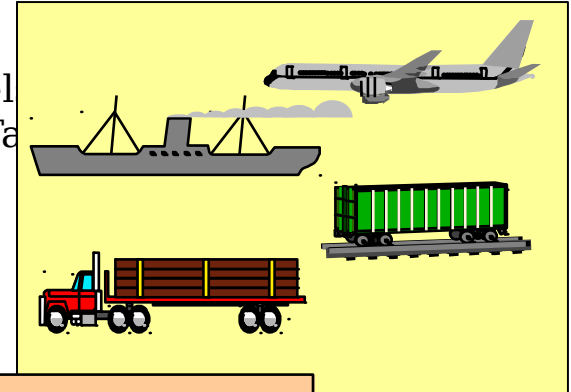


Improve Support to the Warfighter

AIDC Identification, Location and Tracking

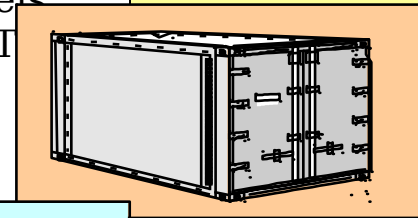
Identification Options for CONVEYANCE System-wide Visibility

- Bar Code 2D Label
- Optical Cards or Tags
- RFID Tags
- GPS Capability



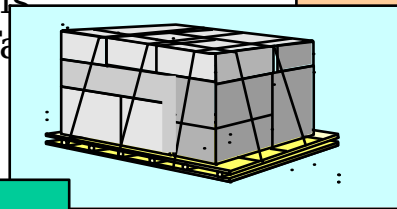
CONTAINER

- Bar Code 2D Labels
- Optical Cards or Tags
- RFID Tags



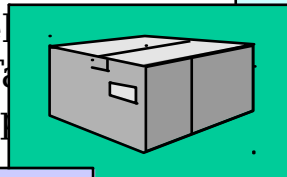
PALLET

- Bar Code 2D Labels
- Optical Cards or Tags
- RFID Tags



MULTIPACK

- Bar Code 2D Labels
- Optical Cards or Tags
- Embedded RF Chips



PART

- Bar Code 2D Labels
- Inscribed Part Number
- Embedded Microchip



Apply
AIDC Devices
Before Going
Afloat

AIDC

Measures Of Success

- Must enable the:
 - Reduced operations and support costs
 - Collection of initial source data
 - Transmission to Automated Information Systems
 - Improved data accuracy
 - Reduced processing times
- Must promote Asset Visibility:
 - In-Process (being manufactured, maintained or repaired)
 - In-Storage (being stored as inventory)
 - In-Transit (being moved or shipped to another location)
 - In Use (In the possession of end user)

